



1

SEQUENCE LISTING

<110> EDLUND, HELENA
WALKER, MICHAEL D.
RUBINS, NIR
STENEBERG, PAR

<120> NEW DIABETES TYPE 2 ANIMAL MODEL

<130> 1501-1319

<140> 10/568,271

<141> 2006-02-15

<150> PCT/SE04/001209

<151> 2004-08-18

<150> 60/481,249

<151> 2003-08-18

<150> 60/481,608

<151> 2003-11-07

<150> 60/521,377

<151> 2004-04-14

<160> 4

<170> PatentIn Ver. 3.3

<210> 1

<211> 300

<212> PRT

<213> Mus musculus

<400> 1

Met Asp Leu Pro Pro Gln Phe Ser Phe Ala Leu Tyr Val Ser Ala Phe
1 5 10 15

Ala Leu Gly Phe Pro Leu Asn Leu Leu Ala Ile Arg Gly Ala Val Ser
20 25 30

His Ala Lys Leu Arg Leu Thr Pro Ser Leu Val Tyr Thr Leu His Leu
35 40 45

Gly Cys Ser Asp Leu Leu Leu Ala Ile Thr Leu Pro Leu Lys Ala Val
50 55 60

Glu Ala Leu Ala Ser Gly Ala Trp Pro Leu Pro Leu Pro Phe Cys Pro
65 70 75 80

Val Phe Ala Leu Ala His Phe Ala Pro Leu Tyr Ala Gly Gly Gly Phe
85 90 95

Leu Ala Ala Leu Ser Ala Gly Arg Tyr Leu Gly Ala Ala Phe Pro Phe
100 105 110

Gly Tyr Gln Ala Ile Arg Arg Pro Arg Tyr Ser Trp Gly Val Cys Val
 115 120 125
 Ala Ile Trp Ala Leu Val Leu Cys His Leu Gly Leu Ala Leu Gly Leu
 130 135 140
 Glu Thr Ser Gly Ser Trp Leu Asp Asn Ser Thr Ser Ser Leu Gly Ile
 145 150 155 160
 Asn Ile Pro Val Asn Gly Ser Pro Val Cys Leu Glu Ala Trp Asp Pro
 165 170 175
 Asp Ser Ala Arg Pro Ala Arg Leu Ser Phe Ser Ile Leu Leu Phe Phe
 180 185 190
 Leu Pro Leu Val Ile Thr Ala Phe Cys Tyr Val Gly Cys Leu Arg Ala
 195 200 205
 Leu Val Arg Ser Gly Leu Ser His Lys Arg Lys Leu Arg Ala Ala Trp
 210 215 220
 Val Ala Gly Gly Ala Leu Leu Thr Leu Leu Leu Cys Leu Gly Pro Tyr
 225 230 235 240
 Asn Ala Ser Asn Val Ala Ser Phe Ile Asn Pro Asp Leu Gly Gly Ser
 245 250 255
 Trp Arg Lys Leu Gly Leu Ile Thr Gly Ala Trp Ser Val Val Leu Asn
 260 265 270
 Pro Leu Val Thr Gly Tyr Leu Gly Thr Gly Pro Gly Arg Gly Thr Ile
 275 280 285
 Cys Val Thr Arg Thr Gln Arg Gly Thr Ile Gln Lys
 290 295 300

<210> 2

<211> 903

<212> DNA

<213> Mus musculus

<400> 2

atggacctgc	ccccacagtt	ctccttcgct	ctctatgtat	ctgcctttgc	gctgggcttt	60
ccattgaact	tgtagccat	ccgaggcgca	gtgtccacg	ctaaactgcg	actcactccc	120
agcttggctc	acactctcca	tctgggctgc	tctgatctcc	tactggccat	cactctgccc	180
ctgaaggctg	tggaggccct	ggcttctgga	gcctggcccc	tgccgctccc	cttctgcccc	240
gtctttgcct	tggcccactt	tgctcccctc	tacgcaggcg	gaggcttcct	agctgctctc	300
agcgctggcc	gctacctggg	ggctgccttc	cccttcgggt	accaagccat	cgggaggccc	360
cgctattcct	ggggtgtgtg	tgtggctata	tgggcccttg	tcctctgcca	cctggggctg	420
gcccttggct	tggagacttc	cggaagctgg	ctggacaaca	gtaccagttc	cctggggcatc	480
aacatacccg	tgaatggctc	cccggctctgc	ctggaagcct	gggatcccca	ctctgcccgc	540
cctgcccgtc	tcagttttctc	cattctgctc	ttctttctgc	ccttggtcat	cactgccttc	600
tgctatgtgg	gctgcctccg	ggccttggtg	cgctcaggcc	tgagccacaa	acggaagctc	660
agggcagctt	gggtggccgg	aggcgctctc	ctcacactcc	tgctctgctt	ggggccctat	720
aatgcctcca	atgtggctag	tttcataaac	ccggacctag	gaggctcctg	gaggaagttg	780
ggactcatca	caggggcctg	gagtgtggta	ctcaaccac	tggtcactgg	ctacttggga	840

acaggtcctg gacggggaac aatatgtgtg acgaggactc aaagaggaac aattcagaag 900
tag 903

<210> 3

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 3

gggaagagga gatgtagact t

21

<210> 4

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 4

gtagagggga gcaaagtg

18